

Amendments to the Claims:

1. (Currently Amended) A method for producing an electron source ~~composed~~ comprised of plural electron emission devices, each of which has a gap and is provided with a deposit at the gap, said plural electron emission devices connected in a matrix by plural row wirings and plural column wirings, the method comprising:

a connecting step of connecting plural pre-elements that are precursors to the plural electron emission devices, to said plural row wirings, respectively;

a voltage applying and working step comprising a sub-step of selecting simultaneously certain plural row wirings that are not adjacent to each other and of applying a voltage to the certain plural row wirings selected simultaneously, within an atmosphere containing an organic gas, the sub-step being conducted repeatedly and successively for plural groups of the certain row wirings, thereby depositing the deposit;  
and

a succeeding step of conducting a same process step as said voltage applying and working step for non-selected ones of said plural row wirings.  
~~the method comprising a deposition step of applying a voltage through said row wirings to plural pre-elements provided with a structure of electron emitting portions of the electron emission devices, thereby depositing on said pre-elements a deposit, the deposition step including a step of dividing said plural pre-elements into plural groups connected respectively to different row wirings, dividing each group into plural sub groups connected respectively to different row wirings, and, taking at least one pre-element in each sub group as a unit, applying a voltage per each unit in succession to the pre-elements in one sub group, wherein the sub group includes the plural pre-elements connected to the plurality of row wirings, the step of applying the voltage per each unit in succession is executed in a~~

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manner such that, after the voltage is applied to a predetermined unit of pre-elements, the voltage is then applied to the pre-elements connected to certain row wirings sandwiching, between the certain row wirings and the row wirings connected to the predetermined unit, at least one other row wiring connected to at least one other pre-element of another subgroup.

2-12. (Cancelled)

13. (Previously Presented) A method for producing an image forming apparatus which comprises producing an electron source by the method according to claim 1 and combining thereto an image forming member for forming an image by irradiation with the electron beam from said electron source.